

SEQUENCE LISTING

<110> Jaeger, Stefan

<120> A method for determination of a nucleic acid using a control

<130> 18981

<160> 17

<170> PatentIn Ver. 2.1

<210> 1

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: artificial sequence to exemplify principle

<400> 1

agcgcattgcc agattactgg c

21

<210> 2

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: artificial sequence to exemplify principle

<400> 2

tccgcgtacgg tctaatgacc g

21

<210> 3

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ST650 HCV specific probe sequence

<220>

<221> N_region

<222> (15)

<223> n represents abasic linker

((2-amino-cyclohexyl-)propan-1,3-diol)

<400> 3

cgtgtactc accgnntccg cagaccacta tggc

34

<210> 4

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: ST2535 probe sequence

<220>
<221> N_region
<222> (15)
<223> n represents an abasic linker
(2-amino-cyclohexyl-)propan-1,3-diol)

<400> 4
tggactcagt cctntggtca tctcaccc t

31

<210> 5
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: ST650pc probe
sequence (parallel-complementary to ST650)

<220>
<221> N_region
<222> (15)
<223> n represents an abasic linker
(2-amino-cyclohexyl-)propan-1,3-diol

<400> 5
gccacatgag tggcnaaggc gtctggtgat accg

34

<210> 6
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ST280
HCV-specific Primer-sequence

<400> 6
gcagaaaagcg tctagccatg gcgtta

26

<210> 7
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ST778
HCV-specific Primer-sequence

<400> 7
gcaaggcaccc tatcaggcag taccacaa

28

<210> 8
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ST280pc Primer
parallel-complementary to ST280

<400> 8
cgtctttcgc agatcggtac ctcaat

26

<210> 9
<211> 28

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: ST778pc Primer
parallel-complementary to ST778

<400> 9
cgttcgtggg atagtccgtc atgggttt

28

<210> 10
<211> 241
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: DNA sequence
derived by amplification of HCV type 1 using the
primers ST280 and ST778

<400> 10
gcagaaaagcg tctagccatg gcgttagtat gagggtcggt cagcctccag gaccccccct 60
cccgggagag ccatagtggt ctgcggaaacc ggtgagttaca ccggaaattgc caggacgacc 120
gggtcccttc ttggatcaac ccgctcaatg cctggagatt tgggcgtgcc cccgcgagac 180
tgctagccga gtagtgggtgg gtcgcgaaag gccttgggtt actgcctgtat agggtgcttg 240
c 241

<210> 11
<211> 943
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: QS(pc)HCV
being parallel-complementary to according region
of the HCV type1 genome

<400> 11
agatctccgc tgtggagggtgg tatcttagtga ggggacactc cttgatgaca gaagtgcgtc 60
tttcgcagat cggtaccgca atcatactca cagcacgtcg gaggtcttgg gggggagggc 120
cctctcggtt tcaccagacg cttggccac tcatgtggcc ttaacgggtcc tgctggccca 180
ggaaaagaacc tagttggcg agttacggac ctctaaaccc gcacgggggc gctctgacga 240
tcggctcattt acaacccagc gcttccgga acaccatgac ggactatccc acgaacgctc 300
acggggccctt ccagagcatc tggcacgtgg tactcgtgt taggattttgg agtttctttt 360
tgttttgcatttgtttggc ggcagggtgtc ctgcagttca agggccggcc accagtcttag 420
caaccacactt aaatggacaa cggcgcgtcc cgggggttcca acccacacgc ggcgcgttcc 480
ttctgaaggc tcgcacgtt tggagcacct tccgctgttg gataggggtt ccgagcgggt 540
gggctcccgccc cccggaccccg agtcggggcc atggaaaccg gggagatacc gttactcccg 600
tacccccaccc gtcctaccga ggacagtggg gcaccaagag ccggatcaac cccggggaggt 660
ctggggcccg catccacgc attaaaccca ttccagtagc tatggaaatg tacgcccgaag 720
cgctggagt accccatgtt aaggcagacg cccggggggat ccccccgcg gcggtcccg 780
gaccgcgtac cgcaggccca agacctcttgc cccgacttga tacgttgcctt cttaaacggg 840
ccaaacgagaa agagatagaa ggagaaccca aacgacagaaa caaaactggta gggtcgaagg 900
cgaataacttc acgcgttaaac atgaggattt cccatgttaag ctt 943

<210> 12
<211> 241
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: amplicon
derived from QS(pc)HCV using the primers ST280pc
and ST778pc

<400> 12
cgtctttcgc agatcggtac cgcaatcata ctcacagcac gtcggaggtc ctggggggga 60
ggccctctc ggtatcacca gacgccttgg ccactcatgt ggccttaacg gtcctgctgg 120
cccaggaaag aacctagttg ggcgagttac ggacctctaa acccgcacgg gggcgctctg 180
acgatcggtc catcacaacc cagcgcttgc cgaaacacca tgacggacta tcccacgaac 240
9 241

<210> 13
<211> 241
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: amplicon
sequence derived from QSHCV (HCV amplification
control having binding sites for ST280, ST778 and
ST2535) using the primers ST280 and ST778

<400> 13
gcagaaaagcg tctagccatg gcgttagtat agtggcgtga gagcagccct tgcctcgccc 60
accgcgcgtc tagaagggtga gatgaccaga ggactgagtc caatgcatgc tggctccgag 120
atgctccgca aacttgcgtt caacgtgact gcgtacggcg ggctgtccccg cctggctgtg 180
tatgagctgg tgaccgtgat ctggctggag gccttgtggt actgcctgat agggtgcttg 240
c 241

<210> 14
<211> 375
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: ICSJ620HCV
(HCV specific amplification control having a
binding site for ST280 and ST778 and an internal
region being parallel-complementary to HCV)

<400> 14
agatctcggt cgggggacta ccccccgtgt gaggtggtac ttatgtgggg gacactcctt 60
gatgacagaaa gtggcagaaa gcgtctagcc atggcggtac atactcacag cacgtcggag 120
gtcctggggg ggagggccct ctcggatata ccagacgcct tggccactca tggccctta 180
acggtcctgc tggcccagga aagaacctag tttgggcgag ttacggacct ctaaacccgc 240
acggggggcgc tctgacgatc ggctcatcac aaccacgcgc ttccgggttgg tggtaactgccc 300
tggatagggtt cttgcctcga gggccctcc agagcatctg gcacgtggaa acatgaggat 360
tacccatgtt agctt 375

<210> 15
<211> 242
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: amplicon
derived from ICSJ620HCV (HCV-specific
amplification control) using ST280 and ST778 as
primers

<400> 15
gcagaaaagcg tctagccatg gcgttacata ctcacagcac gtcggaggtc ctggggggga 60
ggccctctc ggtatcacca gacgccttgg ccactcatgt ggccttaacg gtcctgctgg 120
cccaggaaag aacctagttt gggcgagttt cggacctctaa aaccgcacg gggcgctct 180
gacgatcggtc tcatcacaac ccagcgcttt ccgggttgg tactgcctga tagggtgctt 240
gc 242

<210> 16
<211> 46

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: NTQ21-46-A

<400> 16
cgatcatctc agaacattct tagcgaaaa ttcttgtgt tgatcg

46

<210> 17
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: artifical
sequence to exemplify principle

<400> 17
cggtcattag accgtacgca a

21